

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L13	1	((wireless adj4 microphone) same (circulator or isolator))	US-PGPUB; USPAT	OR	OFF	2007/12/08 18:44
L14	1	((wireless adj4 microphone) same (circulator or isolator))	US-PGPUB; USPAT	OR	ON	2007/12/08 18:45
L15	16	((wireless adj4 microphone) and (circulator or isolator))	US-PGPUB; USPAT	OR	ON	2007/12/08 19:44
L16	1893	(wireless adj4 microphone)	US-PGPUB; USPAT	OR	ON	2007/12/08 19:46
L17	32043	I16 and circulator or isolator	US-PGPUB; USPAT	OR	ON	2007/12/08 19:45
L18	16	I16 and (circulator or isolator)	US-PGPUB; USPAT	OR	ON	2007/12/08 19:46
L19	16831	(wireless adj4 transmitter)	US-PGPUB; USPAT	OR	ON	2007/12/08 19:46
L20	214	I19 and (circulator or isolator)	US-PGPUB; USPAT	OR	ON	2007/12/08 19:46
L21	81	I19 and (circulator or isolator) and tun\$3	US-PGPUB; USPAT	OR	ON	2007/12/08 19:46
L22	13	I19 and (circulator or isolator) and tun\$3 and plug\$3	US-PGPUB; USPAT	OR	ON	2007/12/08 19:46
L23	1	(pocket adj transmitter near5 microphone)	US-PGPUB; USPAT	OR	OFF	2007/12/08 20:17
L24	24	(pocket adj transmitter)	US-PGPUB; USPAT	OR	OFF	2007/12/08 20:17
L25	10299	(directional adj coupler)	US-PGPUB; USPAT	OR	OFF	2007/12/08 20:17
L26	0	I25 and (pocket adj transmitter near5 microphone)	US-PGPUB; USPAT	OR	OFF	2007/12/08 20:17
L27	702	(wireless adj microphone)	US-PGPUB; USPAT	OR	OFF	2007/12/08 20:24
L28	290	I27 and antenna	US-PGPUB; USPAT	OR	OFF	2007/12/08 20:25
L29	106	I28 and (screw\$3 or plug\$3)	US-PGPUB; USPAT	OR	OFF	2007/12/08 20:25
L30	1	I29 and (Hf adj transmitter)	US-PGPUB; USPAT	OR	OFF	2007/12/08 20:26
L31	82	I29 and (transmitter)	US-PGPUB; USPAT	OR	OFF	2007/12/08 20:26
L32	24	("2840694"   "3134075"   "3408571"   "3564416"   "3718862"   "4344184").PN. OR ("4910795").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/08 20:35

## EAST Search History

S1	8	"4430619"	US-PGPUB; USPAT	OR	OFF	2007/12/05 19:11
S2	30	"5949382"	US-PGPUB; USPAT	OR	OFF	2007/12/05 19:12
S3	1	2002/0197957	US-PGPUB; USPAT	OR	OFF	2007/12/05 19:13
S4	0	2002/0197957	US-PGPUB	OR	OFF	2007/12/05 19:13
S5	1	"20020197957"	US-PGPUB	OR	OFF	2007/12/05 19:14
S6	1	"10552085"	US-PGPUB	OR	OFF	2007/12/05 19:14
S7	1102	(381/113,111,92).ccls.	US-PGPUB; USPAT	OR	OFF	2007/12/06 10:48
S8	39	S7 and (wireless adj5 (microphone or micro-phone))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 18:09
S9	20	S8 and antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 11:09
S10	1	S8 and antenna and (circulator or isolator) and transmitter and receiver	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 11:10
S11	1	S8 and antenna and (circulator or isolator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 11:10
S12	8	"381"/\$.ccls. and antenna and (circulator or isolator) and transmitter and receiver	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 11:11

## EAST Search History

S13	4	"455"/\$.ccls. and (wireless adj5 microphone) and antenna and (circulator or isolator) and transmitter and receiver	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 11:16
S14	10	("2556226"   "3102243").PN. OR ("3787772").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 11:16
S15	0	(455/42,702,66).ccls. and (wireless adj5 microphone) and antenna and (circulator or isolator) and transmitter and receiver	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 11:16
S16	10	(455/42,702,66).ccls. and (wireless adj5 microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 11:16
S17	23	(wireless adj5 (microphone or micro-phone)) and (antenna or antennae or antenna\$1) and ((HF adj isolator) or HF-isolator or isolator or circulator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 17:36
S18	24	((wireless or cordless) adj5 (microphone or micro-phone)) and (antenna or antennae or antenna\$1) and ((HF adj isolator) or HF-isolator or isolator or circulator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 17:39
S19	1502	((wireless or cordless) adj5 (microphone or micro-phone)) and (antenna or antennae or antenna\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 17:39

## EAST Search History

S20	492	(wireless adj (microphone or micro-phone)) and (antenna or antennae or antenna\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 17:39
S21	489	S20 and antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 17:39
S22	5	S21 and circulator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 17:40
S23	180	("2774060"   "3384892"   "3493955"   "3518546"   "3601550"   "3711848"   "3754226"   "4051331"   "4063229"   "4334315"   "4791672"   "4918736"   "4918737"   "4947432"   "5027410"   "5115160"   "5202927"   "5210803"   "5226086"   "5241923"   "5295191"   "5303306"   "5390254"   "5479522"   "5613495"   "5636285").PN. OR ("5721783").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 17:55
S24	15978	(transmitter with antenna same isolator or circulator)	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 17:56
S25	1452	(transmitter with antenna same (isolator or circulator))	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/06 17:56
S26	0	S25 and (antenna adj integr\$5 adj5 (isolator or circulator))	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/06 17:57
S27	2	S25 and (antenna near5 integr\$5 adj5 (isolator or circulator))	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/06 17:58
S28	5	S25 and (antenna near5 integr\$5 near5 (isolator or circulator))	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/06 18:01

## EAST Search History

S29	118	S25 and (wirelessnear5 microphone)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/06 18:01
S30	4	S25 and (wireless near5 microphone)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/06 18:01
S31	7	("20020028662"   "20030083022"   "6434371"   "6434404"   "6567672"   "6816363").PN. OR ("7039443").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 18:08
S32	16	("3969680"   "4215431"   "4281295"   "4353035"   "4368435"   "4381488"   "4412100"   "4449106"   "4701953"   "4736433"   "4922535"   "5278912"   "5488668"   "5574791"   "5832097"   "5907623").PN. OR ("6928170").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 18:25
S33	3	(wireless adj microphone) and (antenna with (isolator or circulator))	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 18:25
S34	12	(wireless adj microphone) and (antenna with (isolator or circulator))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 18:37
S35	8	(wireless adj microphone) and antenna same (isolator or circulator) and (high adj5 frequency adj transmitter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 18:39
S36	10	(wireless adj microphone) and antenna same (isolator or circulator) and ((high adj5 frequency adj transmitter) or HF adj transmitter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 18:46
S37	10	(wireless adj microphone) and antenna and (isolator or circulator) and ((high adj5 frequency adj transmitter) or HF adj transmitter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 18:47

## EAST Search History

S38	14	(wireless adj microphone) and ((high adj5 frequency adj transmitter) or HF adj transmitter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 18:56
S39	61	("2236946"   "2828413"   "2840694"   "3080785"   "3085460"   "3087117"   "3296916"   "3579211"   "3743751"   "3781451"   "3825666"   "3863157"   "3901118"   "3906160"   "4004228"   "4229826"   "4335930"   "4344184"   "4369521"   "4430757"   "4453269"   "4464792"   "4471493"   "4612688"   "4647135"   "4721926"   "4794622"   "4845751"   "4899388"   "4988957"   "5025704"   "5214568").PN. OR ("5771441").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 18:49
S40	14	((cellular or wireless or cordless ) adj microphone) and ((high adj5 frequency adj transmitter) or HF adj transmitter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 18:57
S41	1642	((cellular or wireless or cordless ) adj microphone)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 19:06
S42	5	S41 and (antenna and circulator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 18:58

## EAST Search History

S43	12	S41 and (antenna and isolator)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 18:58
S44	12	S41 and (antenna and (HF or hogh adj frequency))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 18:59
S45	514	((cellular or wireless or cordless ) adj microphone) and antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 19:07
S46	14	((cellular or wireless or cordless ) adj microphone) and antenna and (circulator or isolator or (direction\$3 adj coupler))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/06 19:07
S47	8	("3718862"   "5523722"   "5666659"   "5758268"   "6038430"   "6201876"   "6246864"   "6267600").PN. OR ("6778814").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 19:12